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In the northeast section of Kramatorsk (37°33'E/48°43'N), Ukrainian SSR, on both sides of the small Torets River, northeast of the railroad station.

The plant, an old installation, was only partially destroyed during the war. Reconstruction, started in 1945, was almost completed. Most buildings appeared obsolete and in bad condition. The plant-owned power station, fueled with coal dust and gas, supplied power to the plant and some town parts. Extensions of the railroad connection were being worked on. The gravel road to the plant was in poor shape. For plant layout see Annex 2.

A total of 10,000 including 500 PWs, working three shifts.

Starting in late 1945, angular iron, T-girders and double-T girders, rails of various sizes, square wire, stream-line wire, and conventional wire.

On the eastern border of Kramatorsk, on both sides of the Torets River, northeast of the railroad station.

[illegible]

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6. Plant installations:

a. The plant was 70 percent destroyed during the war. The reconstruction and a project to enlarge the plant to twice its previous size started in 1945. A foundry and a boiler plant were under construction but not completed in September 1949. When 90 percent of the damages were reconstructed in 1948, the plant resumed full operation.

b. Two old Soviet blast furnaces and one of German origin were the most important plant installations but only one Soviet blast furnace was in operation. The other had exploded and cooled off with 40 to 50 tons iron ore which could not be crushed so the furnace could not be repaired during the time of observation. With spare parts and specialists lacking, efforts to get the German blast furnace started had also failed for three years.

c. The open-hearth plant had one modern open-hearth furnace with a capacity of 150 tons and three older open-hearth furnaces with a 100-ton capacity each.

d. The completion of the foundry scheduled for 1949 but only the iron frame with its basement and the workshop floor were completed by September of the year.

e. Many railroad tracks crossed the plant area (about 2 1/2 x 1 1/2 km). Power was supplied by the Zhdanovsk Power Plant but several small power stations were available at the plant for emergency cases. For plant layout see Annex 3.

7. Work force:

Twelve to fifteen thousand Soviets and about 600 German PWs.

8. Production:

Iron rods, section iron, rails and plates.

Comment:

a. The approximate plant location was previously reported * and is entered on the attached aerial photograph (Annex 1). The correctness of the plant outlines cannot be rated.

b. In spite of great differences between Annexes 2 and 3 as to the plant layout, both sketches show a certain conformity, e.g. on the following plant installations: Blast furnace plant, directly west of the plant, immediately east of the river; the open-hearth plant section; and the rolling mill section. These sketches are believed to give a better picture than the previous sketch. *

c. The sketches are still insufficient to determine the actual plant layout, which could only be given by specially trained PWs able to report the plant installations more accurately.

Steel Plant and Rolling Mill in Kramatorsk

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1/Annex 2

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Legend to Annex 2:

- 1 Main gate
- 2 Kitchen and messhall, 20 x 10 x 10 meters
- 3 Foundry for cast iron, 30 x 15 x 10 meters, equipment: one smelting furnace, operated for plant requirements
- 4 Administration
- 5 Eight air heaters, four in operation, four not usable
- 6 Pumping station, compressor chamber, stores, brick building 50 x 25 x 10 meters
- 7 Blast furnace under construction, to be blown in in October 1950
- 8 Blast furnace in operation
- 9 Two blast furnaces to be reconstructed in 1950
- 10 Three gas pipe lines 1 meter in diameter, 4 meters above ground, leading from gas generating plant to the blast furnaces
- 11 New automatic charging installation of furnaces No 7 and No 8 to be completed by October 1950
- 12 Loading bridge, 50 meters long and 15 meters high, is being converted.
- 13 Boiler house, 20 x 15 x 10 meters, with sheet metal smokestack in the center (plant heating installation)
- 14 Pool
- 15 Three bridges across a brook: One iron structure bridge for the plant railroad, one damaged bridge and one under construction, length 15 meters
- 16 Workshop with loading ramp for ingots, 50 x 15 x 10 meters; two baths, each 30 meters long
- 17 Bridge for the three gas pipes.
- 18 Combined railroad and road bridge, arched structure, 30 meters long, 6 meters wide, single track
- 19 Power plant, 30 x 30 x 20 meters with four sheet-metal smokestacks, 20 meters high, fueled with coal dust and gas, no details available
 - a Gas pipe line under construction
- 20 Two administration buildings
- 21 Gas plant, 35 x 50 x 15 meters, with three brick smokestacks, each about 50 meters high, working for open-hearth plant and rolling mill
- 22 Open-hearth plant, 135 x 85 x 15 meters, equipment: Five Siemens open-hearth furnaces, three or four of which are in simultaneous operation, two traveling cranes with 80-ton capacity each, three traveling cranes, 12-ton capacity each, and

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2/Annex 2

casting room CENTRAL INTELLIGENCE AGENCY

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- 23 Plant repair shop
- 24 Dump with ingot steel, equipped with two turnable traveling cranes
- 25 Rolling mill, 300 x 150 x 15 meters, equipment: Two large annealing furnaces operated with coal and gas fueling; one large annealing furnace, not in operation; two mill trains, in operation. A third mill train from Upper Silesia was soon to be installed
- 26 Coking plant, especially fenced in, 500 x 170 meters, no details available
- 27 Refinery for wire and shipping department, 50 x 30 x 15 meters
- 28 Kitchen and mess hall, 40 x 20 x 5 meters
- 29 Foundry under construction, 80 x 40 x 30 meters, without equipment

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Legend to Annex 3

A Kuibyshev Steel Plant and Rolling Mill

- 1 Blast furnace department
 - a Old Russian blast furnace, not operating
 - b Old Russian blast furnace, operating
 - c German blast furnace, did not start operation
 - d Ore, coke and flux material dumps
 - e Casting shops, compressors, airheaters and charging installation

The operating blast furnace is equipped with a special gas pipe line
- 2 Model making carpenter shop and fitting shop
- 3 Boiler house
- 4 Main administration and plant department administration
- 5 Plant railroad station
- 6 Water tower
- 7 Gas plant for open-hearth department
- 8 Open-hearth department. Equipment: Four Siemens open-hearth furnaces, a gas preheating installation and laboratory. The casting gutter is provided with three 100-ton and five 45-ton cranes and three 10-ton charging cranes.
- 9 Dumps with coal, scrap and pig-iron
- 10 Rolling mill with three annealing furnaces
- 11 Dump with ingot steel
- 12 Scrap crushing installation
- 13 Foundry under construction
- 14 Coking plant
- 15 Coal dump of coking plant
- 16 Oil and gasoline dump
- 17 Timber dump
 - a Administration
- 18 Workshop

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19 Cement plant

20 Coal dump

B Foundry of the old Kramatorsk Machine Factory.

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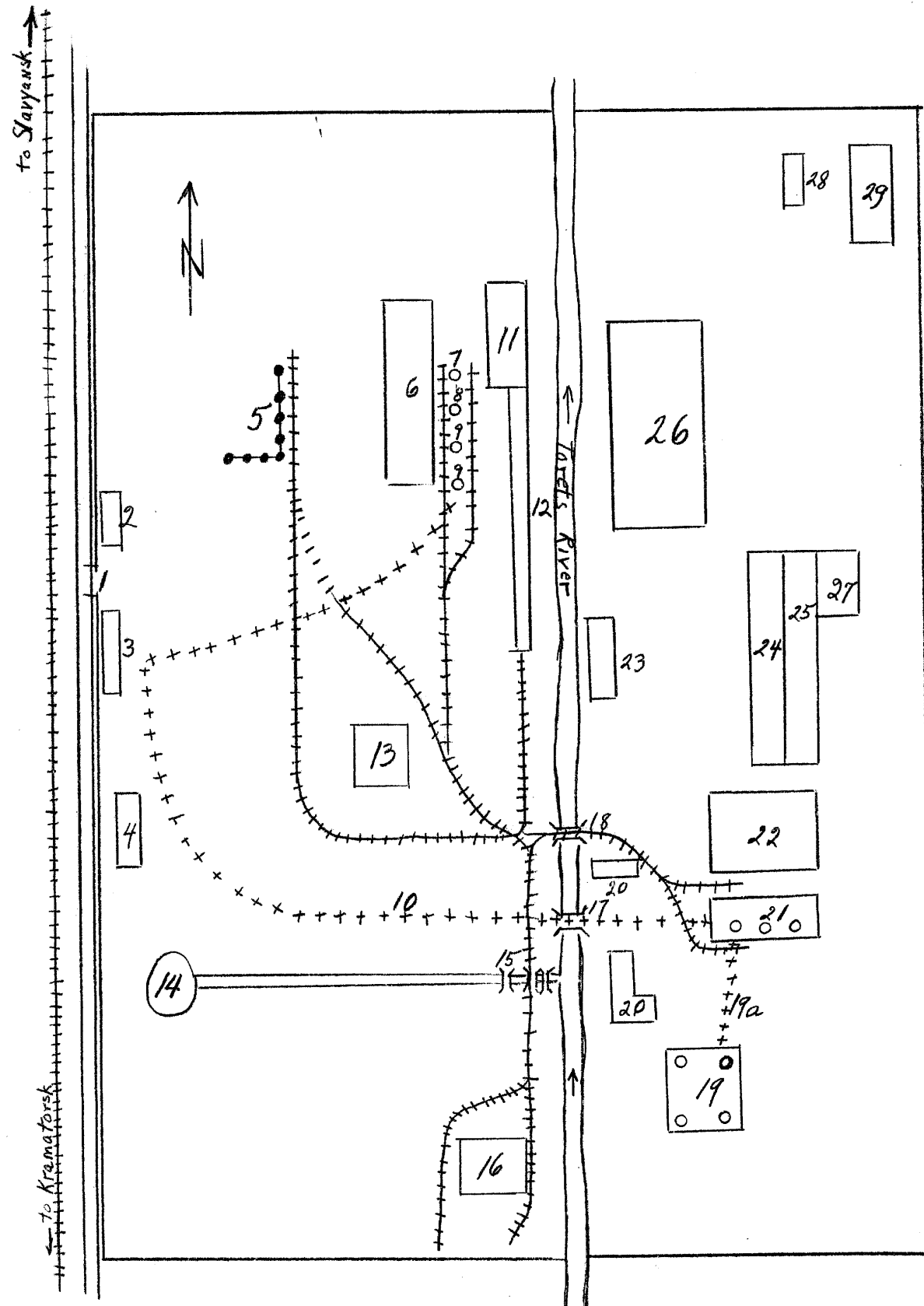
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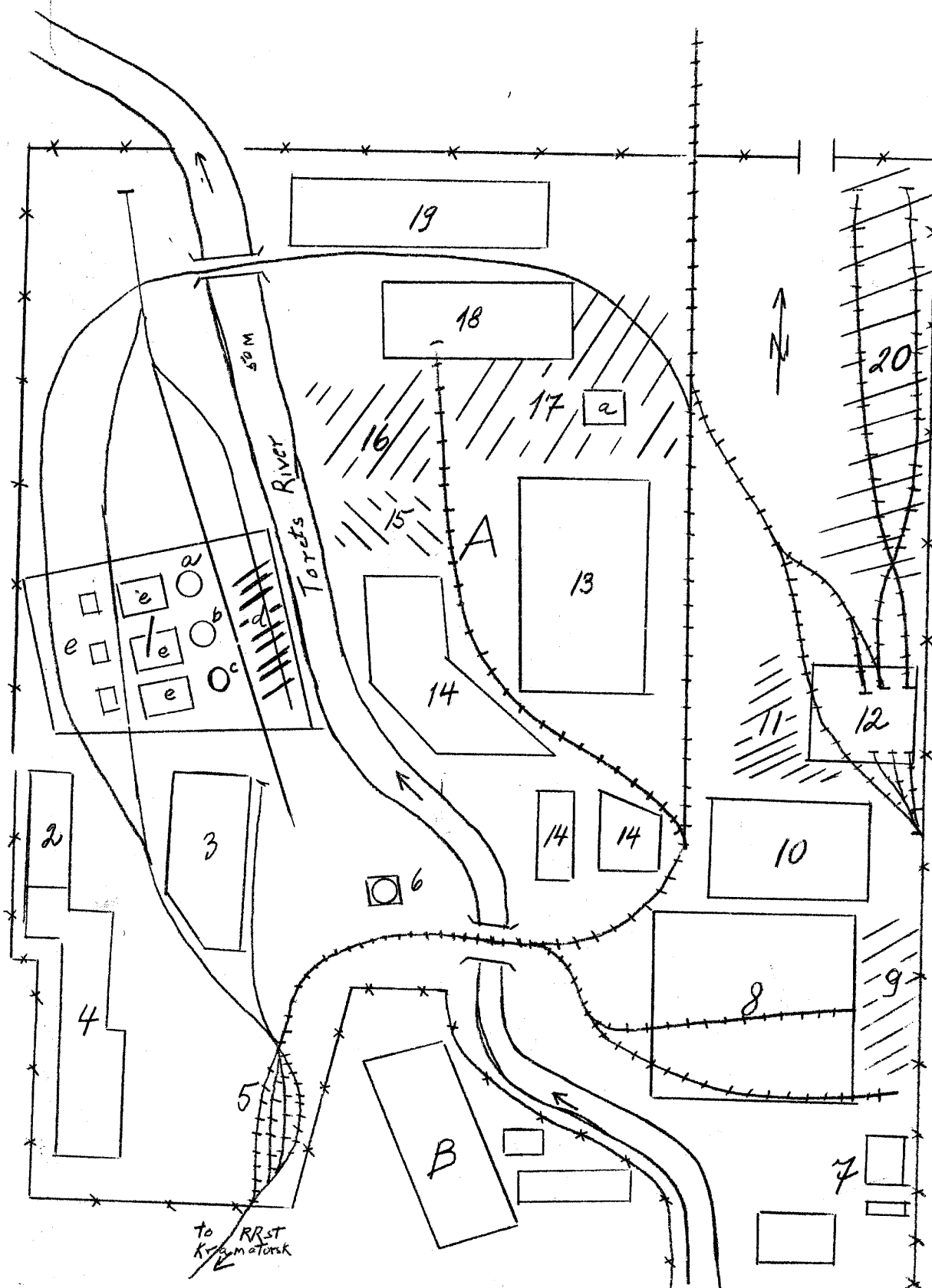
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Kuibyshev Steel Plant and Rolling Mill at Kramatorsk



Kuibyshev Steel Plant and Rolling Mill at Kramatorsk



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4N USSR UKRAINIAN SSR KRAMATORSK 48 43 N 37 32 E
Kuibyshev Station
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